

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent of: E. BOMBARDELLI

Patent Number: 6,500,966 B1

Date of Patent: December 31, 2002

For: PROCESS FOR THE PREPARATION OF TAXANES FROM 10-DEACETYLBACCATIN III

Attorney Docket No.: 7914-082

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**UNDER 37 C.F.R. § 1.322**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Certificate**  
**FEB 13 2003**  
**of Correction**

Sir:

Patentee hereby respectfully requests the issuance of a Certificate of Correction in connection with the above-identified patent. In accordance with 37 C.F.R. § 1.322, patentee has set forth the desired corrections and the basis for these corrections. Finally, the required Form PTO-1050 is provided herewith.

Claims 2 and 8 contains several omissions. The errors are summarized below:

In claim 2, column 8, line 20, the phrase --to provide a C-13 esterified baccatin III-- should be added after the phrase "C-13 esterified 10-deacetylbaccatin III".

In claim 2, column 8, line 22, the phrase --or the C-13 esterified baccatin III-- should be added after the phrase "C-13 esterified 10-baccatin III".

In claim 2, column 8, line 23, the phrase --to provide the compound of formula I-- should be added after the word "acid".

In claim 8, column 8, line 36, the phrase --or the C-13 esterified baccatin III-- should be added after the phrase "C-13 esterified 10-deacetylbaccatin III".

Accordingly, patentee respectfully requests that the following corrections be made:

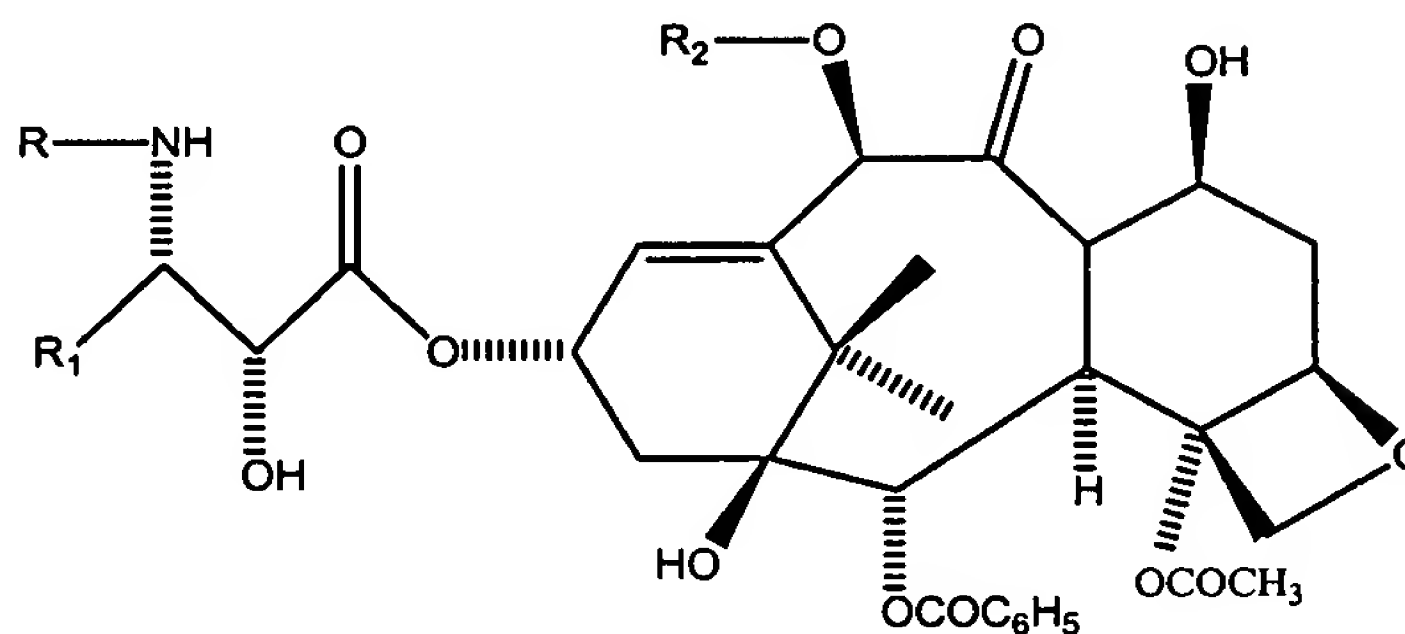
Claim 2, column 8, line 20, add --to provide a C-13 esterified baccatin III-- after the phrase "C-13 esterified 10-deacetylbaccatin III";

Claim 2, column 8, line 22, add --or the C-13 esterified baccatin III-- after the phrase "C-13 esterified 10-baccatin III";

Claim 2, column 8, line 23, add --to provide the compound of formula I-- after the phrase "acid";

so that claim 2 recites:

2. A process for preparing a compound of formula I

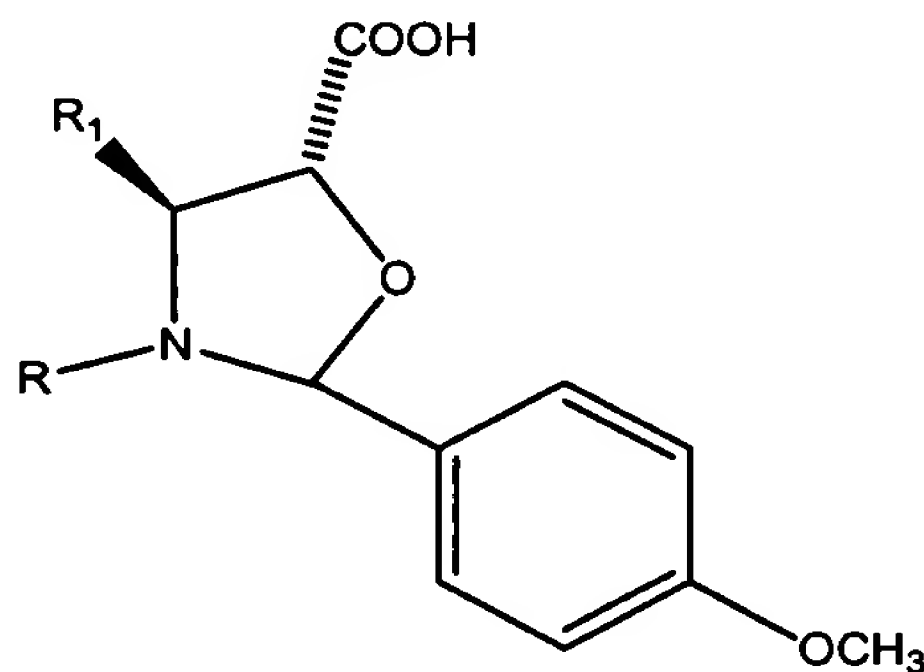


(I)

wherein R is a *tert*-butoxycarbonyl, benzoyl, or straight or branched chain alkyl carbonyl group; R<sub>1</sub> is a phenyl or a straight or branched alkyl or alkenyl group; and R<sub>2</sub> is hydrogen or an acetyl group comprising

(a) simultaneously protecting the C-7 and C-10 hydroxyl groups of 10-deacetylbaccatin III with trichloroacetyl groups to provide a protected 10-deacetylbaccatin III,

(b) esterifying the C-13 hydroxyl group of the protected 10-deacetylbaccatin III with an oxazolidine 5-carboxylic acid of formula II



(II)

wherein R is a *tert*-butoxycarbonyl, benzoyl, or straight or branched chain alkyl carbonyl group; R<sub>1</sub> is a phenyl or a straight or branched alkyl or alkenyl group to provide a protected C-13 esterified 10-deacetylbaccatin III having an oxazolidine ring at the C-13 position;

(c) removing the trichloroacetyl groups from the protected C-13 esterified 10-deacetylbaecatin III to provide a C-13 esterified 10-deacetylbaecatin III;

(d) optionally acetylating the C-10 hydroxyl group of the C-13 esterified 10-deacetylbaecatin III to provide a C-13 esterified baecatin III; and

(e) hydrolyzing the oxazolidine ring of the protected C-13 esterified 10-deacetylbaecatin III or the C-13 esterified baecatin III in the presence of an acid to provide the compound of formula I.

Claim 8, column 8, line 36, add --or the C-13 esterified baecatin III-- after the phrase "C-13 esterified 10-deacetylbaecatin III";

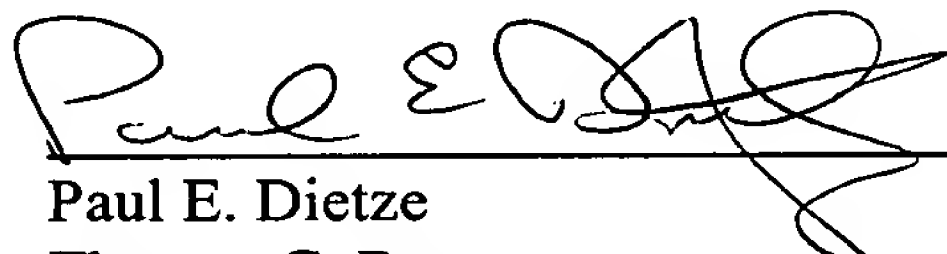
so that claim 8 recites:

8. The process of claim 2, wherein step (e) is carried out by reacting the protected C-13 esterified 10-deacetylbaecatin III or the C-13 esterified 10-deacetylbaecatin III with an organic acid or inorganic acid in an aliphatic alcohol or tetrahydrofuran.

Since the errors are Patent Office errors, Applicants respectfully submit that no fee is due for this Request. Should any fees be required, however, please charge the required fees to Pennie & Edmonds LLP Deposit Account No. 16-1150. Documentation for these corrections is attached. Please issue a certificate of correction in due course.

Respectfully submitted,

February, 7 2003  
Date

  
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